

JUL 27 1983

BLACK & VEATCH
Intermountain Power Project

INTERMOUNTAIN POWER PROJECT			
File 9255 32-2408			
REC'D 7-18-83		B&V	
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			ACTN INFO

Mr. Brent C. Bradford
Executive Secretary
Utah Air Conservation Committee
150 West North Temple
Salt Lake City, Utah 84110

Dear Mr. Bradford:

Errata Pages for
Cost Analysis of Various NO_x and SO₂ Control
Technologies for the Intermountain Power Project

Enclosed are a list of errors and corrections for the Black & Veatch report, "Cost Analysis of Various NOx and SO2 Control Technologies for the Intermountain Power Project", submitted as enclosure 2 of our June 22, 1983 letter. These changes were conveyed by telephone to a member of your staff on June 23, 1983.

If you or your staff require any additional information, please contact Mr. Roger T. Pelote at (213) 481-3412.

Sincerely,

JAMES H. ANTHONY
Project Director
Intermountain Power Project

TLC:gp
Enclosure

cc: Mr. D. Kircher w/Enclosure
EPA Region VIII
1860 Lincoln Street
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Mr. Roger T. Pelote w/Enclosure

See attached list

Los Angeles, California 90051

INTERMOUNTAIN POWER PROJECT		
File: 9255 32.0408		
ACTION PARTY		
RCM <u> K </u>	JOT _____	RI _____
CAS <u> [Signature] </u>	MA _____	IPP _____
RAZ <u> [Signature] </u>	MRR _____	BPC _____
LRB _____	JED _____	CW _____
RUE _____	TRS _____	SLA _____
DLD _____	RWD _____	_____

IP7 040456

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Errata pages for Black & Veatch's special report entitled "Cost Analysis of Various NO_x and SO₂ Control Technologies for the Intermountain Power Project", File No. 9255.41.1007, Issued Date and Revision No. 061783-0.

1. Page 3-3, Table 3-1: for Ammonia Vaporization Fuel consumption rate change to (17,000 MBtu/yr) instead of (1,700 MBtu/yr).
2. Page 3-4, Table 3-2: under Present Worth Costs (July 1986 dollars); (1) for Total capital costs, in the Units 1 and 2 Capital Costs column, change to read 4,214.8 instead of 4,214.9, (2) for Replacement power costs due to delay, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, (3) for Total cost for Selective Catalytic Reduction, in the Unit 1 Capital Costs column, change to read 4,252.4 instead of 4,252.5, and in the Units 1 and 2 Capital Costs column, change to read 5820.8 instead of 5821.0, (4) for Equivalent differential capital costs with Selective Catalytic Reduction, in the Unit 1 Capital Costs column, change to read 828.0 instead of 828.1, and in the Units 1 and 2 Capital Costs column, change to read 1693.6 instead of 1693.7.
3. Page 3-5, Table 3-3: for Indirect costs at 14 per cent, in the Units 1 and 2 Capital Costs column, change to read 20.0 instead of 16.6.
4. Page 3-11, Table 3-7: for Total direct costs, in the Units 1 and 2 Capital Costs column, change to read 10.3 instead of 0.3.
5. Page 3-16, Table 3-10: (1) for Project Capital Cost (As Spent Dollars), in the Unit 2 Capital Costs column, change to read 628.0 instead of 629.0., (2) for Total Capital Expenditure With Thermal DeNO_x (July 1983 dollars), in the Unit 2 Capital Costs column, change to read 542.5 instead of 524.5.
6. Page 3-18, Table 3-12: under Total Capital Costs, change to read Unit 1-July 1987 dollars instead of Unit 1-July 1986 dollars and change to read Unit 2-July 1988 dollars instead of Unit 2-July 1987 dollars.
7. Page 4-4, Table 4-1: under Capitalized Annual Costs of Operation (July 1986 Dollars), (1) after Demand, add (11,000kW), (2) after Energy, add (69.GWh), (3) after Limestone additive, add (2,000 lb/hr), and (4) after adipic acid, add (120 lb/hr).
8. Page 4-5, Table 4-2: under Present Worth Costs (July 1986 Dollars), (1) for Replacement power costs due to delay, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, (2) for Total costs for 95 per cent SO₂ removal, in the Units 1 and 2 Capital Costs column, change to read 5124.9 instead of 5125.0, (3) for Equivalent differential capital cost with 95 per cent SO₂ removal, in the Unit 1 Capital Costs column, change to read 474.3 instead of 474.4, and in the Units 1 and 2 Capital Costs column, change to read 997.7 instead of 997.8.

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9. Page 4-6, Table 4-3: under Capitalized Annual Costs of Operation (July 1986 Dollars), (1) after Demand, add (11,000 kW), (2) after Energy, add (69.GWh), (3) after Limestone additive, add (2,000 lb/hr), (4) after Adipic acid, add (120 lb/hr), (5) after ID fan energy, add (6.9 GWh), and (6) after ID fan demand, add (1,100 kW).
10. Page 4-7, Table 4-4: under Total Capital Costs, (1) change to read Unit 1-January 1989 dollars instead of Unit 1-January 1988 dollars, and (2) change to read Unit 2-January 1990 dollars instead of Unit 2-January 1989 dollars; under Present Worth Costs (July 1986 dollars), (3) for Replacement power costs due to installation outage, in the Units 1 and 2 Capital Costs column, change to read 821.2 instead of 821.3, and (4) for Equivalent differential capital costs associated with provisions for 95 per cent SO₂ removal, in the Unit 1 Capital Costs column, change to read 561.7 instead of 561.8.

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